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Amendments to the claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

- (previously presented) A pyrotechnic circuit breaker for use in an electrical circuit comprising:
 - an electrically conductive portion including means for secure incorporation of the portion into the electrical circuit;
 - a pyrotechnic igniter including an output end, said igniter secured so that said output end is oriented toward said electrically conductive portion;
 - a passage between said output end of said pyrotechnic igniter and said electrically conductive portion;
 - a rupture area adjacent said electrically conductive d) portion and on the opposite side of said electrically conductive portion from said pyrotechnic igniter output end:
 - e) a housing formed of polymer; and,
 - a projectile formed of polymer as an integral part of said housing, between said pyrotechnic igniter and said electrically conductive portion;

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wherein said electrically conductive portion is formed to be readily cut by said projectile.

- (previously presented) The circuit breaker of claim 1,
 wherein said rupture area is defined in said housing.
- (canceled)
- 4. (original) The circuit breaker of claim 1, wherein said electrically conductive portion is a current load-based fuse.
- 5. (canceled)
- 6. (previously presented) The circuit breaker of claim 4, wherein said fuse is a bolt-on fuse strip.
- 7-14. (canceled)
- 15. (previously presented) The circuit breaker of claim 1, wherein said electrically conductive portion includes an enlarged impact area that is enlarged in a plane generally perpendicular to the output of said pyrotechnic igniter.
- 16. (previously presented) The circuit breaker of claim 1, wherein said electrically conductive portion includes an area that is flattened in a plane generally perpendicular to the output of said pyrotechnic igniter.

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- 17. (original) The circuit breaker of claim 16, wherein said electrically conductive portion is a current loadbased fuse.
- (previously presented) The circuit breaker of claim 1, wherein said electrically conductive portion has a periphery, and said rupture area has a perimeter selected so as to minimize the clearance between said rupture area and said electrically conductive portion.
- 19. (original) The circuit breaker of claim 16, wherein said electrically conductive portion has a periphery, and said rupture area has a perimeter selected so as to minimize the clearance between said rupture area and said electrically conductive portion.
- 20. (currently amended) A pyrotechnic circuit breaker for use in an electrical circuit comprising:
 - a) an electrically conductive portion having two ends each including a bolt hole means for secure incorporation of the portion into the electrical circuit, said electrically conductive portion having a first end and a second end, said means for secure incorporation including a first portion at said first end and a second portion at said second end, said electrically conductive portion

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being an integral single piece that has a uniform thickness throughout the distance between said bolt holes first portion and said second portion of said means for secure incorporation;

b) a housing;

- c) a pyrotechnic igniter including electrical leads and an output end, said igniter secured to said housing so that said output end is oriented toward said electrically conductive portion;
- a passage defined in said housing between said output end of said pyrotechnic igniter and said electrically conductive portion; and,
- e) a rupture area defined in said housing adjacent said electrically conductive portion and on the opposite side of said electrically conductive portion from said pyrotechnic igniter output end.
- 21. (previously presented) A pyrotechnic circuit breaker for use in an electrical circuit comprising:
 - an electrically conductive portion including means a) for secure incorporation of the portion into the electrical circuit, wherein said electrically conductive portion has an impact area;

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- b) a pyrotechnic igniter including electrical leads and an output end, said igniter secured so that said output end is oriented toward said electrically conductive portion;
- c) a passage between said output end of said pyrotechnic igniter and said electrically conductive portion; and,
- d) a rupture area having a perimeter adjacent said electrically conductive portion and on the opposite side of said electrically conductive portion from said pyrotechnic igniter output end; and,
- e) means for breaking said electrically conductive portion using the output of said pyrotechnic igniter.
- 22. (previously presented) The circuit breaker of claim 21, wherein said electrically conductive portion is a current load-based fuse.
- 23. (previously presented) The circuit breaker of claim 22, wherein said fuse is a bolt-on fuse strip.
- 24. (previously presented) The circuit breaker of claim 21, wherein said electrically conductive portion has a narrowed region between said passage and said rupture area.

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(currently amended) The circuit breaker of claim 20, wherein said electrically conductive portion is a belt-on fuse strip that is current load-based.

- (currently amended) The circuit breaker of claim [[20]] 25, wherein said fuse electrically conductive portion has a narrowed region between said passage and said rupture area.
- (previously presented; withdrawn) The circuit breaker of claim 20, wherein said circuit breaker does not include a projectile.
- 28. (previously presented; withdrawn) The circuit breaker of claim 21, wherein said means for breaking does not include a projectile, and said means for breaking breaks said electrically conductive portion through the direct application of said pyrotechnic igniter's output on said electrically conductive portion.
- 29. (previously presented; withdrawn) The circuit breaker of claim 28, wherein said impact area is flattened and/or enlarged in a plane generally perpendicular to the output of said pyrotechnic igniter and said perimeter is selected so as to minimize the clearance between said rupture area and said electrically conductive portion.

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(previously presented) The circuit breaker of claim 21, wherein said means for breaking breaks said electrically conductive portion by using the output of said pyrotechnic igniter to propel a projectile into said electrically conductive portion.

- 31. (previously presented) The circuit breaker of claim 21, wherein said electrically conductive portion is a fuse, said fuse having a first and second end, said means for secure incorporation including a portion at said first end of said fuse and a second portion at said second end of said fuse, said fuse being an integral single piece that has a uniform thickness throughout the distance between said first and second portions of said means for secure incorporation.
- (previously presented) The circuit breaker of claim 1, 32. wherein said electrically conductive portion is a fuse, said fuse having a first and second end, said means for secure incorporation including a portion at said first end of said fuse and a second portion at said second end of said fuse, said fuse being an integral single piece that has a uniform thickness throughout the distance between said first and second portions of said means for secure incorporation.